APPARATUS, SYSTEM, AND METHOD FOR DETERMINING A USER POSITION AND PROGRESS ALONG A PATH

ABSTRACT

A device has one or more memories that store a set of position points defining respective locations within one or more physical areas. A communication interface on the device communicates with one or more signal sources located at one or more of the respective locations proximate to the position detection device. Each of the signal sources responds to the device with information about the respective location. A path process defines one or more paths connecting one or more of the position points in response to a user query. The path process accesses the information from one or more of the signal sources and determines the progress of the device user through the physical area as defined by the path. A user interface communicates the progress through the physical area to the user.